



To assist in expediting your application, please have the designer professional provide this department with a **detailed code analysis** of the building.

This form is an **example only** of some of the items in the Building Code that should be addressed. Please provide detailed information and code references to fully explain/justify your proposal.

Address of Project: _____

BC Building Code, Current Edition

Use and Occupancy

Building Area

Existing: _____

Add/New: _____

Total: _____

Building Areas Separated by Firewalls

1. _____

2. _____

3. _____

Occupancy Classification (Articles 3.2.2.19 - 3.2.2.83 Subsection 9.10.2)

Group (use): _____ No. of "Streets": _____ Combustible Construction: _____

Division: _____ Sprinklered: _____ Non-Combustible Construction: _____

Article: _____ Standpipes _____

No. of Storeys: _____

Fire Resistance Rating of Building Components

Floors: _____ Roof: _____ Mezzanines: _____ Support Structure: _____

Non-Combustible Construction (Subsection 3.1.5)
Ensure all combustibles used, are permitted by this Subsection.
Note: Flame Spread Rating

Fire Separations And Closures (Subsection 3.1.8)
ie: fire dampers, hold open devices, wired glass etc.

Spatial Separation (Subsection 3.2.3 or 9.10.14)
Provide calculations showing: wall areas, limiting distance, openings permitted/proposed, required wall construction/rating.

Fire Alarm & Detection Systems (Subsection 3.2.4)
Provide drawings showing location of annicator panel, detection devices, pull station and provide sequence of operation for the system, etc.

Fire Fighting Provisions (Subsection 3.2.5)
Provide drawings addressing: access routes, streets, hydrant location, access panels, F.D. connection, adequate water supply etc.

High Building Requirements (Subsection 3.2.6)
Provide a detailed analysis of each article in Subsection 3.2.6. to indicate how the article is satisfied.

Lighting & Emergency Power Systems (Subsection 3.2.7)
Show location on drawings.

Interconnected Floor Requirements (Subsection 3.2.8)
Provide details to show how all the requirements are complied with.

Safety Requirements Within Floor Areas (Section 3.3)
i.e. Public corridor or corridor used by the public, doors, ramps, stairs, etc.

Exiting Requirements (Section 3.4 or Subsection 9.9.8)
Provide details: single exit, number, travel distance, exit width calculations, separation requirements, integrity etc.

Exit Signs (Subsection 3.4.5.)
Provide drawings showing location of signs.

Occupant Load (Subsection 3.1.16)
Show how the occupant load totals were calculated.
Male: _____ Female: _____

Part 5 Environmental Separation
Provide details to clearly show this Section has been addressed.

Plumbing Facilities (Subsection 3.7.4)
Based on occupant load or justify.

Requirements For Persons With Disabilities (Subsection 3.8)
Provide details to show compliance.

Analysis Prepared By: _____ **Date:** _____

Signature: _____ **Tel. No.:** _____ **Fax:** _____